

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 1, 2003
Date

Denise Sheridan
Denise Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/043,680

Confirmation No. : 9219

Applicants: Timothy B. Cowles et al.

Match and Return

Filed : January 10, 2002

Attorney Docket No.: 500792.03

Art Unit : 2824

Customer No. : 27,076

Examiner : Van Thu T. Nguyen

Title : REFRESH CONTROLLER AND ADDRESS REMAPPING CIRCUIT AND
METHOD FOR DUAL MODE FULL/REDUCED DENSITY DRAMS

REQUEST FOR CONTINUED EXAMINATION (RCE)
UNDER 37 C.F.R. § 1.114

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants request continued examination, under 37 C.F.R. § 1.114, of the above-identified application.

1. Submission Required Under 37 C.F.R. § 1.114

- a. ☐ Submission previously submitted
 - i. ☐ Consider the amendment/reply under 37 C.F.R. § 1.116 previously filed on _____.
 - ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____.
 - iii. ☐ Consider the Information Disclosure Statement (IDS) previously filed on _____.

Page 1 of 2

12/05/2003 TBESHAKH1 00000046 10043680

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- b. ☒ Submission enclosed
- i. ☐ Amendment/Reply
 - ii. ☐ Affidavit(s)/Declaration(s)
 - iii. ☒ Supplemental Information Disclosure Statement (IDS)

2. Suspension of Action (Period of suspension shall not exceed 3 months; fee under 37 C.F.R. § 1.17(i) required)

- ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of ____ months.

3. Accompanying Papers

- ☒ Postcard
☒ Check
☒ Fee Transmittal Sheet

4. Deposit Account

- ☒ The Commissioner is authorized to charge any additional fees required in the above-identified patent application to Deposit Account No. 50-1266.

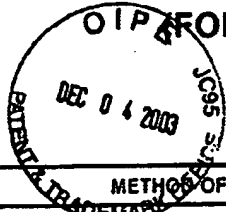
Respectfully submitted,
Timothy B. Cowles et al.

Date: 12/1/03

By: Steven H. Arterberry
Steven H. Arterberry
Reg. No. 46,314
Customer No. 27,076
Dorsey & Whitney LLP
1420 Fifth Avenue, Suite 3400
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(206) 903-8785
Attorney for Applicants

FEE TRANSMITTAL SHEET

FOR FY 2004)



Complete known

Application No. 10/043,680
Filing Date January 10, 2002
First Named Inventor Timothy B. Cowles
Group Art Unit 2824
Examiner Van Thu T. Nguyen
Atty. Docket Number 500792.03

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee	
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee	
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee	
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee	
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee	

Subtotal (1) \$0

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	20	=	x \$	= \$
Ind.	3	=	x \$	= \$
Multiple Dependent Claims		=	x \$	= \$

Subtotal (2) \$0

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	43	Independent claims in excess of 3	
1203	280	2203	145	Multiple dependent Claim	
1204	88	2204	43	Reissue independent claims over original patent	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	2053	130	Non-English specification	\$
1812	2,520	2812	2,520	For Filing a Request for <i>ex parte</i> Reexamination	\$
1804	920	2804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	2805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within 2 nd month	\$
1253	850	2253	475	Extension for reply within 3 rd month	\$
1254	1,480	2254	740	Extension for reply within 4 th month	\$
1255	2,010	2255	1,005	Extension for reply within 5 th month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	280	2403	145	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility/Reissue issue fee	\$
1502	480	2502	240	Design issue fee	\$
1503	840	2503	320	Plant issue fee	\$
1480	130	2480	130	Petitions to the Commissioner	\$
1807	50	2807	50	Processing fee under 37 CFR 1.17(q)	\$
1808	180	2808	180	Submission of IDS	\$
8021	40	28021	40	Recording each patent assignment per property (times number of properties)	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$770

Other fee (specify)

Subtotal (3) \$770

Total Amount of Payment: \$770

Submitted by:

Name: Steven H. Arterberry

Reg. No.: 46,314

Telephone: (206) 903-8800

Signature:

Steven Arterberry

Date: 12/1/03